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**COAL ANALYSIS REPORT - FOURTH QUARTER, CALENDAR YEAR
1994 - FERNALD ENVIRONMENTAL MANAGEMENT PROJECT (FEMP),
PERMIT NO. 1431110128, BOO1/B003**

01/16/95

**C:EC:95-0004
FERMCO HAMILTON COUNTY
2
REPORT**



Environmental Management Corporation P.O. Box 398704 Cincinnati, Ohio 45239-8704 (513) 738-6200

January 16, 1995

U. S. Department of Energy
Fernald Environmental Management Project
Letter No. C:EC:95-0004

Mr. H. Schwietering
Environmental Scientist
Air Quality Management
Hamilton County Department
of Environmental Services
1632 Central Parkway
Cincinnati, Ohio 45210

Dear Mr. Schwietering:

**COAL ANALYSIS REPORT - FOURTH QUARTER, CALENDAR YEAR 1994 - FERNALD ENVIRONMENTAL
MANAGEMENT PROJECT (FEMP), PERMIT NO. 1431110128, B001/B003**

Enclosed is the Coal Analysis Report for the Fourth Quarter of Calendar Year 1994, for Boilers Nos. 1 and 3, which are located at the FEMP Steam Plant. This report is submitted in accordance with the special conditions of the Ohio Environmental Protection Agency Permits to Operate Nos. 1431110128, B001 and B003, issued on October 2, 1992. Both Boiler B001 and B003 operated during the reporting period.

If you have any questions concerning these reports, please contact Ervin Fisher of my staff at (513) 738-6053.

Sincerely,



Terence D. Hagen, Director
Environmental Compliance

TDH:EF:mhv
Enclosure

c: With Enclosure

G. T. Czerniak, USEPA-V
T. Hilkins, OEPA-Columbus
R. F. Hodanbosi, OEPA-Columbus
L. Pennington, FERMCO/MS60
E. P. Skintik, FERMCO/MS45
AR Coordinator
File Record Storage Copy 108.6
RTS Files

Without Enclosure

S. M. Beckman, FERMCO/MS65-2
S. L. Blankenship, FERMCO/MS71-3
D. Paine, FERMCO/MS35-1
P. B. Spotts, FERMCO/MS65-2



OFFICE MEMORANDUM

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REPORT OF COAL QUANTITY AND QUALITY
FOURTH QUARTER CY-1994

U.S. DOE FERNALD ENVIRONMENTAL RESTORATION MANAGEMENT CORP.
Fernald, Ohio

Boiler No. 1

	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>
Total quantity of coal burned (tons).	1607	231	0
Average ash content (percent) coal burned. +	10.39	9.46	0
Average sulfur content (percent) of coal burned.	.86	.80	0
Average heat content (Btu/lb) of coal burned. #	12755	12800	0
Average sulfur dioxide emission rate (lbs. SO ₂ /10 ⁶ Btu actual heat input) from coal burned. *	1.19	1.21	0

+ Limit is 12%

BTU/pound of coal greater than 11,900

* Limit is 1.33lbs. SO₂/10⁶ BTU



EROFFICE MEMORANDUM

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REPORT OF COAL QUANTITY AND QUALITY
FOURTH QUARTER CY-1994

U.S. DOE FERNALD ENVIRONMENTAL RESTORATION MANAGEMENT
CORPORATION

Fernald, Ohio

Boiler No. 3

	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>
Total quantity of coal coal burned (tons).	0	1696	2340
Average ash content (percent) coal burned. +	0	10.53	10.13
Average sulfur content (percent) of coal burned.	0	.74	.82
Average heat content (Btu/lb) of coal burned. #	0	12504	12498
Average sulfur dioxide emission rate (lbs. SO ₂ /10 ⁶ Btu actual heat input) from coal burned. *	0	1.15	1.28

+ Limit is 12%

BTU/pound of coal greater than 11,900

* Limit is 1.33 lbs. SO₂/10⁶ BTU